

# SUPERNOVA ELITE

A COMPREHENSIVE, DUAL VOLTAGE PAT WITH FLASH TEST



There is no denying it this is the most comprehensive, useful tester on the market, bar none. If you need to do a test, rest assured, the Supernova Elite can do it, as well as flash and RCD trip time tests, the Supernova Elite also has full dual voltage capability. This is a sophisticated piece of kit, packed full of fantastically useful features, such as 5000 test record memory, locations, user, test status and date. It links to a PC and has a modem for remote transfer of information. There are connections for a barcode reader, braincell scanner, and printer, as well as a parallel printer port. Barcode labels are generated via a thermal printer. For ease of use, there is a large graphical display, with legible, walk through instructions for each test facility. Downloading vital information is fantastically fast and asset management is supported with three software options. All this in a rugged enclosure too. This tester has it all.

## Key Features

### ■ Any appliance, any test

A full and comprehensive set of tests, together with dual voltage and flash test and RCD trip time test capacity, means you can do any test there and then.

### ■ Walk through instructions

Good news. You don't have to be a brain surgeon to operate it. The large, easy to read display will walk you through any test procedure with ease.

### ■ Connectivity? No problem

As you might expect, the Supernova Elite has ports and plugs galore. PC, barcode reader, braincell scanner and printer connections are all taken care of.

### ■ Superfast Download

No waiting for information to download. Thanks to the incredible download ability of the Supernova Elite, the wait is over before it has barely started.

## Supernova Elite Users

### ■ Construction industry

### ■ Hire Companies

### ■ Manufacturers

### ■ Facilities Managers



# SUPERNOVA ELITE SPECIFICATIONS

## PAT TESTS

### Earth Continuity

Test Currents	25A, 10A, 4A, AC
Display Range	0.00ohms - 19.99ohms
Pass Value	User Defined
Measurement Technique	4 Wire Measurement, Floating Earth

### Earth Screen Continuity

Test Current	100mA
Display Range	0.00ohms - 19.99ohms
Pass Value	User Defined
Measurement Technique	4 Wire Measurement, Floating Earth

### Insulation Resistance

Test Voltage	250V, 500V DC
Display Range	0.1Mohms - 100Mohms
Pass Value	User Defined

### Flash

Test Voltage Class I	1500V mns
Test Voltage Class II	3000V rms
Display Range	0.05mA- 2.5mA
Pass Value	User Defined

### RCD Trip Time Test

Test Current	30mA
Display Range	0ms - 500ms
Pass Value	200ms

### Protective Conductor Current

Test Voltage	230V/110V
Display Range	0.1mA - 10mA
Pass Value	User Defined

### Touch Current

Test Voltage	230V/110V User Selectable
Display Range	0.1mA - 2.0mA
Pass Value	User Defined

### Substitute Leakage

Test Voltage	40V AC Nominal
Display Range	0.1mA - 2.0mA
Pass Value	User Defined

### Load Test

Display Range	0kVA - 4.2kVA
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### IEC Lead Polarity

Tests Performed	Live/Neutral Continuity and Polarity
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## ADDITIONAL INFORMATION

### Operating Voltage

Voltage Range	103V - 126V, 207V - 253V, 45Hz - 65Hz
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### Weight / Dimensions

Weight & Dimensions	9.5Kg/400cm (l) x 32cm (w) x 16cm (d)
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### Interfaces

Keyboard	QWERTY
Display graphic	LCD - 1/4VGA (320x240 pixels)
Connectivity	RS232 Port Connection Parallel Port Connection

PART NO: (283A910)

## Advanced PATSolutions Package

PATSolutions is a total solutions philosophy that encompasses all aspects of electrical safety testing, from the testers themselves to information management software, through to label printers and much more.

Each tester and its accessories can be purchased separately or as an optional PATSolutions package which includes everything needed to run an efficient and effective PAT testing business.

### Advanced PATSolutions Package includes:

- Supernova Elite Tester
- PATGuard Support Contractor
- PATGuard Elite 2 Software
- Guide to Portable Appliance Testing
- Test & Tag Kit
- Calibration Certificate

## Optional Extras

### Hardware:

- CCD Scanner (194A922)
- Modem Kit (283A969)
- Carry Case (298A950)
- Test & Tag Kit (308A915)
- Braincell Wand (288A910)
- Braincells (288A953)
- PATCheckbox (227A910)

**Software:**  (352A910)

 (352A920)

 (352A930)

 (334A910)

 (336A910)

**Training:** **SUPERNOVA ELITE**  
TRAINING COURSE

**PATGUARD SOFTWARE**  
TRAINING COURSE

**Services:** **SERVICE & CALIBRATION**  
**JUMP START**



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**CROPICO**  
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